

WHAT IS CLAIMED IS:

1. A resin-made floor panel structure applied in a vehicle floor comprising:

a floor panel made of resin integrally forming a spare tire storage space, and a trunk board made of resin disposed so as to cover the floor panel,

wherein fitting parts are integrally formed in the floor panel and trunk board respectively so as to achieve the closure of the spare tire storage space.

2. The resin-made floor panel structure of claim 1,

wherein the trunk board has an engaging part for achieving the air tightness against the car body side wall.

3. The resin-made floor panel structure of claim 2,

wherein the trunk board includes a first board part covering the spare tire storage space, a second board part having the engaging part and covering the portion excluding the spare tire storage space of the floor panel, and a hinge part rotatably coupling the second board part and first board part, and

the hinge part is composed of a sound insulating flexible member, and is fixed between the both board parts without allowing gap.

4. The resin-made floor panel structure of claim 1,

wherein a tapered fitting part expanding upward is formed in the peripheral wall of the spare tire storage part, and the fitting part of the trunk board has a taper to be engaged with the tapered fitting part.

5. The resin-made floor panel structure of claim 4,
wherein a concave commodity pocket formed along the taper of the fitting part is provided at the upper side of the fitting part of the trunk board.

6. The resin-made floor panel structure of claim 1,
wherein a grooved fitting part is formed at the outer side of the peripheral edge of the spare tire storage part, and the fitting part of the trunk board is formed in a convex shape to be combined with the grooved fitting part.

7. A resin-made floor panel structure applied in a vehicle floor comprising:

a floor panel made of resin integrally forming a spare tire storage space, and a trunk board made of resin disposed so as to cover the floor panel,

wherein a sealing part is provided between the floor panel and trunk board so as to achieve the closure of the spare tire storage space.

8. The resin-made floor panel structure of claim 7,
wherein a protrusion is formed at least one of the floor panel and the

trunk board so as to project to the other side surrounding the spare tire storage space, and a seal member is provided at the leading end of the protrusion, thereby forming the sealing part.

9. The resin-made floor panel structure of claim 7,
wherein a groove surrounding the spare tire storage space is formed at least one of the floor panel and the trunk board, and an abutting face abutting against the seal member is provided at the outer side and/or inner side of the groove, thereby forming the sealing part.

10. A resin-made floor panel structure applied in a vehicle floor comprising:

a floor panel made of resin, and a trunk board made of resin disposed so as to cover the floor panel,

wherein engaging parts are integrally formed in the trunk board and the car body side wall respectively so as to achieve the closure of the space between the trunk board and floor panel.

11. A resin-made floor panel structure applied in a vehicle floor comprising:

a floor panel made of resin, and a trunk board made of resin disposed so as to cover the floor panel,

wherein a protrusion is formed integrally in at least one of the floor panel and the trunk board so as to project into the space between the two and increase the surface area of the sound absorbing part facing the space.

12. The resin-made floor panel structure of claim 11,
wherein a storage space is integrally formed in the floor panel, at
least the peripheral wall of the storage space forms a sound absorbing part,
and the peripheral wall is formed in a taper expanding upward.

13. The resin-made floor panel structure of claim 12,
wherein the trunk board includes a protrusion projecting into the
space against the spare tire storage space and having a sound absorbing
part on the surface, and at least part of the protrusion forms a fitting part to
be fitted to the tapered peripheral wall of the spare tire storage space.

14. A resin-made floor panel structure applied in a vehicle floor
comprising:
a floor panel made of resin integrally forming a plurality of storage
spaces including a spare tire storage space, and a trunk board made of resin
disposed so as to cover the floor panel,

wherein the plurality of storage spaces and/or walls formed among
the storage spaces are set in mutually different dimensions.

15. A resin-made floor panel structure applied in a vehicle floor
comprising:

a floor panel made of resin, and a trunk board made of resin
disposed so as to cover the floor panel,

wherein a plurality of protrusions are formed in at least one of the

floor panel and trunk board so as to project into the space between the two, and these protrusions are set so as to be mutually different in dimensions and set in dimensions and shapes depending on the frequency band of the object of attenuation.

16. The resin-made floor panel structure of claim 15,

wherein the dimensions of the plurality of protrusions of the trunk board are set smaller than the dimensions of the plurality of protrusions of the floor panel, the plurality of protrusions of the trunk board are set in dimensions and shapes depending on the relatively high frequency band of object of attenuation, and the plurality of protrusions of the floor panel are set in dimensions and shapes depending on the relatively low frequency band of object of attenuation.